ILLUMINA INC Form 4 July 26, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005 Estimated average burden hours per response... 0.5

OMB APPROVAL

3235-0287

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * ORPIN TRISTAN			2. Issuer Name and Ticker or Trading Symbol ILLUMINA INC [ILMN]	5. Relationship of Reporting Person(s) to Issuer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)		
9885 TOWNE CENTRE DRIVE (Street) SAN DIEGO, CA 92121-1975			(Month/Day/Year) 07/24/2007	Director 10% Owner X Officer (give title Other (specification) below) Sr VP of Commercial Operations		
			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)_X_ Form filed by One Reporting Person		
				Form filed by More than One Reporting Person		
(City)	(State)	(7in)				

(City)	(State)	Table	e I - Non-D	Derivative	Secur	ities Acqu	ired, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securi on(A) or Di (Instr. 3,	spose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	07/24/2007	07/24/2007	M	8,000 (1)	A	\$ 7.9	11,920	D	
Common Stock	07/24/2007	07/24/2007	S	8,000 (1)	D	\$ 42.363	3,920	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number out Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ame Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ai or Ni of Sh
Non-Qualified Stock Option (right to buy)	\$ 7.9	07/24/2007	07/24/2007	M	8,000 (1)	02/07/2004(2)	01/07/2014	Common Stock	8

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

ORPIN TRISTAN 9885 TOWNE CENTRE DRIVE SAN DIEGO, CA 92121-1975

Sr VP of Commercial Operations

Signatures

Tristan B. Orpin 07/25/2007

**Signature of Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The sale was made pursuant to a 10B5-1 plan.

One -sixtieth (1/60) of the Shares subject to the Option become exercisable on the date indicated above, subject to Optionee's continuing (2) to be a Service Provider on such date. An additional one -sixtieth (1/60) of the Shares subject to the Option shall become exercisable each full month therafter, subject to Optionee's continuing to be a Service Provider on such date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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